

L Number	Hits	Search Text	DB	Time stamp
1	67	(kittcock with mark).in. or (wilson with brian).in. or (qureshi with humayun).in. or (willenbring with arner).in.	USPAT	2004/08/19 08:43
3	10	((("2,899,232") or ("4,257,639") or ("4,611,846") or ("4,705,311") or ("4,810,018") or ("4,892,344") or ("5,236,239") or ("5,295,723") or ("5,775,755") or ("5,948,360")).PN.	USPAT	2004/08/19 09:18
6	130402	gripper or gripping or (pick\$3 adj plac\$3)	USPAT	2004/08/19 14:26
7	52822	(gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.	USPAT	2004/08/19 10:18
8	235260	piston	USPAT	2004/08/19 10:17
9	89612	plunger	USPAT	2004/08/19 10:17
10	131330	magnet	USPAT	2004/08/19 10:17
11	522500	mixing or spinning or spinner or mixer	USPAT	2004/08/19 10:17
12	1219	((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.) and piston and plunger	USPAT	2004/08/19 09:46
13	97	((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.) and piston and plunger) and magnet	USPAT	2004/08/19 09:46
14	23	(mixing or spinning or spinner or mixer) and (((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.) and piston and plunger) and magnet)	USPAT	2004/08/19 09:46
15	1	(gripper or gripping or (pick\$3 adj plac\$3)) and 6544799.pn.	USPAT	2004/08/19 10:03
16	23	((mixing or spinning or spinner or mixer) and (((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.) and piston and plunger) and magnet))	USPAT	2004/08/19 10:08
17	377	(gripper or gripping or (pick\$3 adj plac\$3)) same piston same plunger	USPAT	2004/08/19 10:09
18	198	((gripper or gripping or (pick\$3 adj plac\$3)) same piston same plunger) and ((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.)	USPAT	2004/08/19 10:09
19	93755	422/\$.ccls. or 294/\$.ccls.	USPAT	2004/08/19 10:14
20	23	((gripper or gripping or (pick\$3 adj plac\$3)) same piston same plunger) and ((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.)) and (422/\$.ccls. or 294/\$.ccls.)	USPAT	2004/08/19 10:09
23	91604	gripper or gripping or (pick\$3 adj plac\$3)	EPO; JPO; DERWENT	2004/08/19 10:16
24	313529	piston	EPO; JPO; DERWENT	2004/08/19 10:17
25	86291	plunger	EPO; JPO; DERWENT	2004/08/19 10:17
26	126	(gripper or gripping or (pick\$3 adj plac\$3)) and piston and plunger	EPO; JPO; DERWENT	2004/08/19 10:17
27	236190	magnet	EPO; JPO; DERWENT	2004/08/19 10:17
28	594060	mixing or spinning or spinner or mixer	EPO; JPO; DERWENT	2004/08/19 10:17
31	91493	(gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.	EPO; JPO; DERWENT	2004/08/19 10:18
32	126	((gripper or gripping or (pick\$3 adj plac\$3)) and piston and plunger) and ((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.)	EPO; JPO; DERWENT	2004/08/19 10:18
33	30397	(gripper or gripping or (pick\$3 adj plac\$3)).ti.	EPO; JPO; DERWENT	2004/08/19 10:18
34	48	((gripper or gripping or (pick\$3 adj plac\$3)) and piston and plunger) and ((gripper or gripping or (pick\$3 adj plac\$3)).ab,clm,ti.)) and ((gripper or gripping or (pick\$3 adj plac\$3)).ti.)	EPO; JPO; DERWENT	2004/08/19 10:24
36	2167	gripper same pneumatic\$4	USPAT	2004/08/19 12:02
38	6296	(dispel\$4 or expel\$4 or releas\$3) with pneumatic\$4	USPAT	2004/08/19 12:15
39	399	((dispel\$4 or expel\$4 or releas\$3) with pneumatic\$4) same (gripper or gripping or (pick\$3 adj plac\$3))	USPAT	2004/08/19 12:03
40	47	((dispel\$4 or expel\$4 or releas\$3) with pneumatic\$4) same (gripper or gripping or (pick\$3 adj plac\$3)) and (422/\$.ccls. or 294/\$.ccls.)	USPAT	2004/08/19 12:03
41	1769	(eject\$3) with pneumatic\$4	USPAT	2004/08/19 12:17
44	51	((eject\$3) with pneumatic\$4) same (gripper or gripping or (pick\$3 adj plac\$3))	USPAT	2004/08/19 12:17
56	184	(gripper or (pick\$3 adj plac\$3)) with (spin or spinning)	USPAT	2004/08/19 14:28
58	196	(gripper or (pick\$3 adj plac\$3)) with (spin or spinning or spinner)	USPAT	2004/08/19 14:35
61	181	(gripper or (pick\$3 adj plac\$3)) with (spin or spinning or spinner)	EPO; JPO; DERWENT	2004/08/19 14:35

63	1	(gripper or (pick\$3 adj plac\$3)) with (spin or spinning or spinner) with (mix or mixer or mixing)	EPO; JPO; DERWENT	2004/08/19 14:36
64	2	(gripper or (pick\$3 adj plac\$3)) same (spin or spinning or spinner) same (mix or mixer or mixing)	EPO; JPO; DERWENT	2004/08/19 14:36
62	82	((gripper or (pick\$3 adj plac\$3)) with (spin or spinning or spinner)) and ((gripper or gripping or (pick\$3 adj plac\$3)).ti.)	EPO; JPO; DERWENT	2004/08/19 14:36